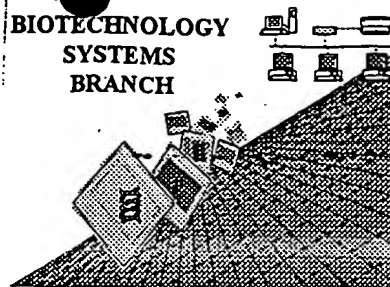


HERL-025/0145
21-01 0400
SPE

**RAW SEQUENCE LISTING
ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
BRANCH



0500

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/746,371

Source: OIPE

Date Processed by STIC: 1/10/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin30help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

file Sequence
Listing
ENTERED
DUE: 02APR01
EOL: 02AUG01

RECEIVED

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

FEB 26 2001
027E01C/10
COOLEY GODWARD LLP

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

09/746,371

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 **Wrapped Nucleics** The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 **Wrapped Aminos** The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 **Incorrect Line Length** The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 **Misaligned Amino Acid Numbering** The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 **Non-ASCII** This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 **Variable Length** Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.
- 7 **PatentIn ver. 2.0 "bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 8 **Skipped Sequences (OLD RULES)** Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS: (Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 **Skipped Sequences (NEW RULES)** Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 10 **Use of n's or Xaa's (NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 **Use of <213> Organism (NEW RULES)** Sequence(s) are missing this mandatory field or its response.
- 12 **Use of <220> Feature (NEW RULES)** Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 **PatentIn ver. 2.0 "bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/746,371

DATE: 01/10/2001
 TIME: 11:48:28

Input Set : A:\Ber1025-01US.txt
 Output Set: N:\CRF3\01102001\I746371.raw

Does Not Comply
 Corrected Diskette Needed

OK

3 <110> APPLICANT: Ufry, Dan
 5 <120> TITLE OF INVENTION: Acoustic Absorption Polymers and Their Methods of Use
 7 <130> FILE REFERENCE: BERL025/01US
 9 <140> CURRENT APPLICATION NUMBER: US/09/746,371
 9 <141> CURRENT FILING DATE: 2000-12-20
 9 <160> NUMBER OF SEQ ID NOS: 47
 11 <170> SOFTWARE: PatentIn version 3.0
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 5
 15 <212> TYPE: PRT
 16 <213> ORGANISM: Synthetic
 18 <400> SEQUENCE: 1
 20 Val Pro Gly Val Gly
 21 1 5
 23 <210> SEQ ID NO: 2
 24 <211> LENGTH: 4
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Synthetic
 28 <400> SEQUENCE: 2
 30 Val Pro Gly Gly
 31 1
 33 <210> SEQ ID NO: 3
 34 <211> LENGTH: 4
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Synthetic
 38 <400> SEQUENCE: 3
 40 Gly Gly Val Pro
 41 1
 43 <210> SEQ ID NO: 4
 44 <211> LENGTH: 4
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Synthetic
 48 <400> SEQUENCE: 4
 50 Gly Gly Phe Pro
 51 1
 53 <210> SEQ ID NO: 5
 54 <211> LENGTH: 4
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Synthetic
 58 <400> SEQUENCE: 5
 60 Gly Gly Ala Pro
 61 1
 63 <210> SEQ ID NO: 6
 64 <211> LENGTH: 5
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Synthetic
 68 <220> FEATURE:

pp 1-5
 global
 invalid response - per 1.823 of new sequence
 Rules, the only valid responses
 are: Unknown or

Artificial Sequence or
 Scientific name
 (Genus/species)

(one of the three)

please see circled
 portion of item 12
 on Erra Summary sheet

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/746,371

DATE: 01/10/2001

TIME: 11:48:28

Input Set : A:\Ber1025-01US.txt

Output Set: N:\CRF3\01102001\I746371.raw

69 <221> NAME/KEY: VARIANT
 70 <222> LOCATION: (2)..(4)
 71 <223> OTHER INFORMATION: the residue at position 2 can be V, E, F, Y or K; the residue at
 72 position 4 can be V, E, F or what?
 75 <400> SEQUENCE: 6
 W--> 77 Gly Xaa Gly Xaa Pro
 78 1 5
 80 <210> SEQ ID NO: 7
 81 <211> LENGTH: 6
 82 <212> TYPE: PRT
 83 <213> ORGANISM: Synthetic
 85 <400> SEQUENCE: 7
 87 Ala Pro Gly Val Gly Val
 88 1 5
 90 <210> SEQ ID NO: 8
 91 <211> LENGTH: 35
 92 <212> TYPE: PRT
 93 <213> ORGANISM: Synthetic
 95 <400> SEQUENCE: 8
 97 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
 98 1 5 10 15
 100 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
 101 20 25 30
 103 Gly Val Pro
 104 35
 106 <210> SEQ ID NO: 9
 107 <211> LENGTH: 35
 108 <212> TYPE: PRT
 109 <213> ORGANISM: Synthetic
 111 <400> SEQUENCE: 9
 113 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
 114 1 5 10 15
 116 Val Gly Val Pro Gly Val Gly Phe Pro Gly Val Gly Phe Pro Gly Val
 117 20 25 30
 119 Gly Val Pro
 120 35
 122 <210> SEQ ID NO: 10
 123 <211> LENGTH: 35
 124 <212> TYPE: PRT
 125 <213> ORGANISM: Synthetic
 127 <400> SEQUENCE: 10
 129 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly
 130 1 5 10 15
 132 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
 133 20 25 30
 135 Gly Val Pro
 136 35
 138 <210> SEQ ID NO: 11
 139 <211> LENGTH: 35

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/746,371
 DATE: 01/10/2001
 TIME: 11:48:28

Input Set : A:\Ber1025-01US.txt
 Output Set: N:\CRF3\01102001\I746371.raw

```

140 <212> TYPE: PRT
141 <213> ORGANISM: Synthetic
143 <400> SEQUENCE: 11
145 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
146 1 5 10 15
148 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
149 20 25 30
151 Gly Val Pro
152 35
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 35
156 <212> TYPE: PRT
157 <213> ORGANISM: Synthetic
159 <400> SEQUENCE: 12
161 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly
162 1 5 10 15
164 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
165 20 25 30
167 Gly Val Pro
168 35
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 65
172 <212> TYPE: PRT
173 <213> ORGANISM: Synthetic
175 <400> SEQUENCE: 13
177 Gly Val Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly
178 1 5 10 15
180 Val Gly Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val
181 20 25 30
183 Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly Val Gly
184 35 40 45
186 Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val Gly Val
187 50 55 60
189 Pro
190 65
192 <210> SEQ ID NO: 14
193 <211> LENGTH: 35
194 <212> TYPE: PRT
195 <213> ORGANISM: Synthetic
197 <400> SEQUENCE: 14
199 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
200 1 5 10 15
202 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
203 20 25 30
205 Gly Val Pro
206 35
208 <210> SEQ ID NO: 15
209 <211> LENGTH: 35
210 <212> TYPE: PRT

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/746,371
 DATE: 01/10/2001
 TIME: 11:48:28

Input Set : A:\Ber1025-01US.txt
 Output Set: N:\CRF3\01102001\I746371.raw

```

211 <213> ORGANISM: Synthetic
213 <400> SEQUENCE: 15
215 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
216 1 5 10 15
218 Val Gly Val Pro Gly Val Gly Phe Pro Gly Val Gly Phe Pro Gly Val
219 20 25 30
221 Gly Val Pro
222 35
224 <210> SEQ ID NO: 16
225 <211> LENGTH: 35
226 <212> TYPE: PRT
227 <213> ORGANISM: Synthetic
229 <400> SEQUENCE: 16
231 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
232 1 5 10 15
234 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
235 20 25 30
237 Gly Val Pro
238 35
240 <210> SEQ ID NO: 17
241 <211> LENGTH: 35
242 <212> TYPE: PRT
243 <213> ORGANISM: Synthetic
245 <400> SEQUENCE: 17
247 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
248 1 5 10 15
250 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
251 20 25 30
253 Gly Val Pro
254 35
256 <210> SEQ ID NO: 18
257 <211> LENGTH: 35
258 <212> TYPE: PRT
259 <213> ORGANISM: Synthetic
261 <400> SEQUENCE: 18
263 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
264 1 5 10 15
266 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
267 20 25 30
269 Gly Val Pro
270 35
272 <210> SEQ ID NO: 19
273 <211> LENGTH: 35
274 <212> TYPE: PRT
275 <213> ORGANISM: Synthetic
277 <400> SEQUENCE: 19
279 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
280 1 5 10 15
282 Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Val Pro Gly Val

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/746,371
 DATE: 01/10/2001
 TIME: 11:48:28

Input Set : A:\Ber1025-01US.txt
 Output Set: N:\CRF3\01102001\I746371.raw

```

283          20          25          30
285 Gly Val Pro
286          35
288 <210> SEQ ID NO: 20
289 <211> LENGTH: 35
290 <212> TYPE: PRT
291 <213> ORGANISM: Synthetic
293 <400> SEQUENCE: 20
295 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
296 1          5          10          15
298 Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val
299          20          25          30
301 Gly Val Pro
302          35
304 <210> SEQ ID NO: 21
305 <211> LENGTH: 5
306 <212> TYPE: PRT
307 <213> ORGANISM: Synthetic
309 <220> FEATURE:
310 <221> NAME/KEY: VARIANT
311 <222> LOCATION: (4)..(4)
312 <223> OTHER INFORMATION: the residue at position 4 is an amino acid residue modified to ha
313 ve an electroresponsive side chain?
316 <400> SEQUENCE: 21
318 Val Pro Gly Xaa Gly
319 1          5
321 <210> SEQ ID NO: 22
322 <211> LENGTH: 5
323 <212> TYPE: PRT
324 <213> ORGANISM: Synthetic
326 <400> SEQUENCE: 22
328 Ile Pro Gly Val Gly
329 1          5
331 <210> SEQ ID NO: 23
332 <211> LENGTH: 11
333 <212> TYPE: PRT
334 <213> ORGANISM: Synthetic
336 <220> FEATURE:
337 <221> NAME/KEY: VARIANT
338 <222> LOCATION: (6)..(6)
339 <223> OTHER INFORMATION: the residue at position 6 is S, T or Y
342 <400> SEQUENCE: 23
344 Gly Val Gly Val Pro Xaa Gly Val Gly Val Pro
345 1          5          10
347 <210> SEQ ID NO: 24
348 <211> LENGTH: 5
349 <212> TYPE: PRT
350 <213> ORGANISM: Synthetic
352 <220> FEATURE:

```

Please correct this error in subsequent sequences too.

FYI:

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields for each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/746,371

DATE: 01/10/2001

TIME: 11:48:29

Input Set : A:\Berl025-01US.txt

Output Set: N:\CRF3\01102001\I746371.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24